

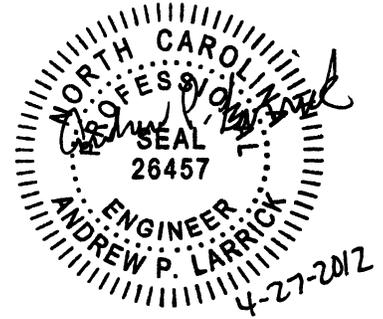
Prepared by:

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Project: U-2412B  
County: Guilford

April 27, 2012



**PROJECT SPECIAL PROVISIONS**  
Utility Construction

**I. GENERAL CONSTRUCTION REQUIREMENTS**

**Specifications:**

The proposed utility construction shall meet the applicable requirements of the North Carolina Department of Transportation's "Standard Specifications for Roads and Structures" dated January 2012, and the following provisions.

**Owner and Owner's Requirements:**

The existing water and sewer facilities belong to the City of Greensboro and the Town of Jamestown, as indicated on the plans. The Contractor shall provide access for the owners' representatives during all phases of construction. The owners shall be notified two weeks prior to commencement of any work and one week prior to service interruption.

For work involving the City of Greensboro's facilities, the Contractor shall contact the City of Greensboro Service Center at (336) 373-2033, the City of Greensboro Water Resources Department Administration at (336) 373-2055, and the City of Greensboro Water and Sewer Inspections Department at (336) 373-2377.

For work involving the Town of Jamestown's facilities, the Contractor shall contact the Town of Jamestown at (336) 454-1138.

It shall be the Contractor's responsibility to notify customers affected by necessary shut downs of the existing water system at least 24 hours in advance.

The respective utility owners shall witness all tests performed on their water and sewer facilities. Test results shall be provided to the City of Greensboro and to the Town of Jamestown for any tests involving their respective facilities.

The Engineer and owner shall be notified in advance of any interruption of water or sewer service with ample time to make arrangements. Interruption of water or sewer service on main lines shall be limited to a maximum of four (4) hours or as approved by the Engineer.

## II. COMPENSATION:

No direct payment will be made for utility construction work required by the preceding provisions, which are general requirements applying to utility construction, and all of the requirements stated will be considered incidental work, paid for at the contract unit prices of the various utility items included in the contract.

### 1. RELOCATE WATER METER VAULT

The existing water meters with vaults that are to be relocated shall be installed at the locations shown on the utility plans, or as directed by the Engineer.

The relocation of water meters with vaults shall consist of the removal and installation at the appropriate location of the water meter, meter yoke, meter valve, piping, and isolation valves inside the existing meter vault, as well as furnishing and installing a new meter vault. Any fittings necessary to reconnect the relocated meter to the water line will be considered incidental. Any pipe necessary to complete the relocation will be paid for as provided elsewhere in these provisions.

Meter vaults shall meet the requirements of Section 1000 of the Standard Specifications. Such vaults shall have been approved by the Engineer. The meter vaults shall be placed as shown on the utility plans and as directed by the Engineer. The new meter vault shall have minimum inside dimensions approximately equal to the dimensions of the existing meter vault to be replaced. The vault shall have a concrete traffic bearing top, and shall have an aluminum lockable traffic bearing access hatch with minimum dimensions of 36" x 36". The meter vault shall have a concrete floor, and a drain opening with minimum dimensions of 12" x 12".

All work shall be in accordance with the applicable plumbing codes, as shown on the plans, and as directed by the Engineer.

Relocated meter vaults shall be placed with the top of the meter vault flush with finish grade of the project.

The quantity of water meters and meter vaults relocated and accepted will be measured and paid for at the contract unit price each for "Relocate Water Meter Vault". Such price and payment will be full compensation for all labor, excavation, removing, installing and reconnecting the meter and appurtenances, furnishing and installing a new meter vault, backfilling, and incidentals necessary to complete the work as required.

## 2. RELOCATE BLOWOFF ASSEMBLY:

Existing water system blowoff assemblies that are to be relocated shall be installed at the locations shown on the utility plans, or as directed by the Engineer.

The relocation of blowoff assemblies shall consist of the removal and installation at the appropriate location of the blowoff valve, piping, and meter box. Any fittings necessary to reconnect the relocated blowoff assembly to the water line will be considered incidental.

All work shall be in accordance with the applicable plumbing codes, as shown on the plans, and as directed by the Engineer.

Relocated blowoff assemblies shall be placed with the top of the meter box flush with finish grade of the project.

The quantity of blowoff assemblies relocated and accepted will be measured and paid for at the contract unit price each for "Relocate \_\_\_-Inch Blowoff Assembly". Such price and payment will be full compensation for all labor, excavation, removing, installing and reconnecting the assembly, backfilling, and incidentals necessary to complete the work as required.

PROJECT SPECIAL PROVISIONS

## Utility

UTILITY BY OTHERS:

## General:

The following utility companies have facilities that will be in conflict with the construction of this project:

- A) Duke Energy – Power (Distribution)
- B) AT&T - Telephone
- C) North State Communications – Fiber Optic Cable
- D) Time Warner – CATV
- E) Piedmont Natural Gas – Gas Distribution
- F) Piedmont Natural Gas – Gas Transmission
- G) Colonial Pipeline Company – Gas

The conflicting facilities of these concerns will be adjusted prior to the October 1, 2012, unless otherwise noted and are therefore listed in these special provisions for the benefit of the Contractor. All utility work listed herein will be done by the utility owner. All utilities are shown on the plans from the best available information.

The Contractor's attention is directed to the Article 105-8 of the Standard Specifications.

## Utility Requiring Adjustment:

- A) Duke Energy – Power (Distribution)  
Contact Information: Mr. Donnie Williams, (336) 854-4720
  - 1) See Utility by Others Plans.
  - 2) Duke Energy will be completed with all relocations of their power distribution facilities by February 28, 2013.
- B) AT&T – Telephone  
Contact Information: Mr. Jim Brooks, (336) 788-0150 and Mr. Butch Bunton (336) 885-6773
  - 1) See Utility by Others Plans.
  - 2) AT&T's aerial telephone lines will be in joint use with Duke Energy. AT&T will be completed with all aerial relocation of their telephone facilities by February 28, 2013.
  - 3) AT&T's buried telephone cable will be adjusted as necessary. The Contractor will give AT&T two weeks' notice prior to excavating for proposed drainage in

locations of their existing buried cable, and will allow AT&T two weeks to adjust their buried communications facilities.

C) North State Communications – Fiber Optic Cable

Contact Information: Mr. Casey Fox, (336) 848-4979

- 1) See Utility by Others Plans.
- 2) North State's aerial communication lines will be in joint use with Duke Energy. North State Communications will be completed with all aerial relocation of their communication facilities by February 28, 2013.
- 3) North State's buried communication cable will be adjusted as necessary. The Contractor will give North State Communication two weeks' notice prior to excavating for proposed drainage in locations of their existing buried cable, and will allow North State Communications two weeks to adjust their buried communications facilities.

D) Time Warner – CATV

Contact Information: Mr. Roger Stanfield, (336) 217-3460

- 1) See Utility by Others Plans.
- 2) All Time Warner's aerial CATV lines will be in joint use with Duke Energy. All relocations of their CATV lines will be completed by February 28, 2013.

E) Piedmont Natural Gas – Gas Distribution

Contact Information: Mr. Wesley Walton, (336) 271-5031

- 1) See Utility by Others Plans.
- 2) Piedmont Natural Gas will relocate impacted facilities concurrent with the roadway construction and will be completed by January 31, 2013.
- 3) Contractor and NCDOT to coordinate with Piedmont Natural Gas for protective measures required while working near and around their existing facilities.

F) Piedmont Natural Gas – Gas Transmission

Contact Information: Mr. Wesley Walton, (336) 271-5031

- 1) See Utility by Others Plans.
- 2) Piedmont Natural Gas will relocate impacted facilities concurrent with the roadway construction and will be completed by January 31, 2013.
- 3) Contractor and NCDOT to coordinate with Piedmont Natural Gas for protective measures required while working near and around their existing facilities.

G) Colonial Pipeline Company – Gas

Contact Information: Mr. Jay Amerson, (336) 931-6024

- 1) See Utility by Others Plans.

- 2) Colonial Pipeline Company will be completed with all relocations of their gas facilities by October 1, 2012.
- 3) Contractor and NCDOT to coordinate with Colonial Pipeline Company for protective measures required while working near and around their existing facilities.